FCC 47 CFR PART 15 SUBPART B TEST REPORT

for

BOX PC

MODEL: V270SB7-XXX (X=A~Z, a~z, 0~9, Blank or Slash)

Test Report Number:
80828002-D

Issued for

Winmate Communication INC.
9F, No. 111-6, Shing-De Rd., San-Chung City, Taipei 241, Taiwan, R.O.C.

Issued By:

Compliance Certification Services Inc.
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Issued Date: September 5, 2008

Testing Laboratory
0363

ACCREDITED
TESTING CERT #0824.01

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Revision History

Rev.		Issue Date		Revisions	Effect Page	Revised By
00		September 5, 2008		Initial Issue	ALL	Celine Chou

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1 TEST RESULT CERTIFICATION

Product:	BOX PC
Model:	V270SB7-XXX (X=A~Z, a~z, 0~9, Blank or Slash)
Brand:	Winmate
Applicant:	**Winmate Communication INC.** 9F, No. 111-6, Shing-De Rd., San-Chung City, Taipei 241, Taiwan, R.O.C.
Manufacturer:	**Winmate Communication INC.** 9F, No. 111-6, Shing-De Rd., San-Chung City, Taipei 241, Taiwan, R.O.C.
Tested:	August 28 ~ September 4, 2008
Test Voltage:	120VAC, 60Hz

EMISSION			
Standard	**Item**	**Result**	**Remarks**
FCC 47 CFR Part 15 Subpart B (May 4, 2007), ICES-003 Issue 4 ANSI C63.4-2003	Conducted (Main Port)	PASS	Meet Class B limit
	Radiated	PASS	Meet Class B limit

Note: 1. The statements of test result on the above are decided by the request of test standard only; the measurement uncertainties are not factored into this compliance determination.
2. The information of measurement uncertainty is available upon the customer's request.

Deviation from Applicable Standard
None

The above equipment has been tested by Compliance Certification Services Inc., and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Approved by:

Robert Huang
Section Manager

Reviewed by:

Julia Wei
Senior Specialist

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2 EUT DESCRIPTION

Product	BOX PC		
Brand Name	Winmate		
Model	V270SB7-XXX (X=A~Z, a~z, 0~9, Blank or Slash)		
Applicant	Winmate Communication INC.		
Serial Number	80828002		
Received Date	August 28, 2008		
EUT Power Rating	12VDC, 4.16A		
Power Adapter Manufacturer	EDAC	**Model**	EA1050C-120
Power Adapter Power Rating	I/P: 100-240VAC, 50-60Hz, 1.8A O/P: 12-17VDC, 4.2A & 50W Max. / 12VDC, 4.16A Typical		
AC Power Cord Type	Unshielded, 1.8m (Detachable) to Power Adaptor		
DC Power Cable Type	Unshielded, 1.8m (Non-Detachable) at Power Adaptor with a core		
CPU Manufacturer	VIA	**Model**	C7M 1.6GHz
Memory Manufacturer	1GB		
Main Board Manufacturer	Winmate	**Model**	V270
HDD Manufacturer	Hitachi	**Model**	HTS541640J9SA00
Y Cable Type	Unshielded 0.3m (Detachable)		

I/O PORT

I/O PORT TYPES	Q'TY	TESTED WITH
1).Serial Port	2	2
2).D-Sub Port	1	1
3).PS/2 Keyboard / Mouse Port	1	1
4).Earphone Port	1	1
5).Microphone Port	1	1
6).Audio Out Port	1	1
7).USB Port	4	4
8).LAN Port	1	1

Note:

1. *The means of "X" (X=A~Z, a~z, 0~9, Blank or Slash) on model number is just for marketing purpose only.*
2. *Client consigns only one model sample (Model number: V270SB7-XXX) to test. Therefore, testing Lab. just guarantees the units, which have been tested.*

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3 TEST METHODOLOGY

3.1. DECISION OF FINAL TEST MODE

1. The following test mode(s) were scanned during the preliminary test:

Pre-Test Mode
Mode 1: D-SUB 1600 x 1200, 60Hz
Mode 2: D-SUB 1280 x 1024, 75Hz
Mode 3: D-SUB 800 x 600, 75Hz

2. After the preliminary scan, the following test mode was found to produce the highest emission level.

Final Test Mode		
Emission	Conducted Emission	**Mode 1**
	Radiated Emission	**Mode 1**

Then, the above highest emission mode of the configuration of the EUT and cable was chosen for all final test items.

3.2. EUT SYSTEM OPERATION

1	EMI test program was loaded and executed in “Windows XP” mode.
2	The EMI test program (EMC TEST) sequentially exercised all I/O’S of EUT.
3	A communicated software was loaded and executed to communicate between EUT and remote side.
4	The EUT receives message from remote side, and filling the monitor with upper case of “H” patterns.
5	Repeat 2 to 4.

Note: *Test program is self-repeating throughout the test.*

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4 SETUP OF EQUIPMENT UNDER TEST

4.1. DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

No.	Equipment	Model No.	Serial No.	FCC ID	Trade Name	Data Cable	Power Cord
1	LCD Monitor	2407WFPb	CN-0FC255-46633-675-25THS	FCC DoC	DELL	D-SUB Cable: Shielded, 1.8m, with two cores	Unshielded, 1.8m
2	Modem	DM-1414	304012262	IFAXDM1414	ACEEX	Unshielded, 1.8m	Unshielded, 1.8m
3	PS/2 Keyboard	Y-SJ17	SYU13518342	FCC DoC	Logitech	Unshielded, 1.8m	N/A
4	PS/2 Mouse	M-SBF69	HCA45009696	FCC DoC	Logitech	Unshielded, 1.8m	N/A
5	Mouse	M-MM43	LZE94052771	FCC DoC	Logitech	Unshielded, 1.8m	N/A
6	Walkman	RQ-L10	HB004470	FCC DoC	Panasonic	Unshielded, 1.8m	N/A
7	Multimedia Headset	CJC-5258MV	0507106335	FCC DoC	CJC	Unshielded, 1.8m	N/A
8	USB 2.0 External HDD	F12-UF	A0100214-43b0011	FCC DoC	TeraSys	Unshielded, 1.8m	N/A
9	USB 2.0 External HDD	F12-U	A0100214-43b0010	FCC DoC	TeraSys	Unshielded, 1.8m	N/A
10	USB 2.0 External HDD	F12-U	A0100214-43b0003	FCC DoC	TeraSys	Unshielded, 1.8m	N/A
11	USB 2.0 External HDD	F12-U	A0100214-43b0013	FCC DoC	TeraSys	Unshielded, 1.8m	N/A
12	Notebook PC (Remote)	COMPAQ NC 4010	CNU5191L58	FCC DOC	HP	LAN Cable: Unshielded, 10m	AC I/P: Unshielded, 1.8m DC O/P: Unshielded, 1.8m with a core

Note: Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

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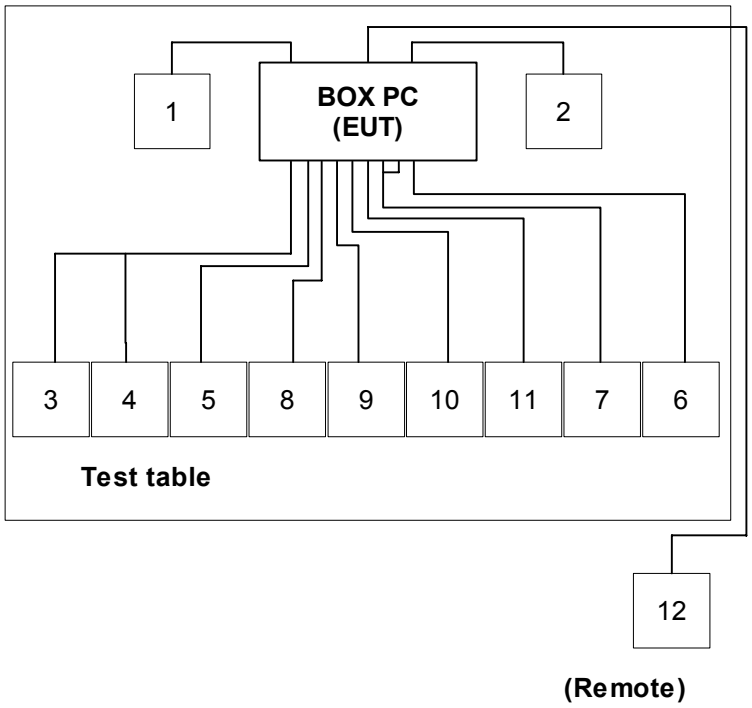
4.2. CONFIGURATION OF SYSTEM UNDER TEST

1. LCD Monitor	2. Modem	3. PS/2 Keyboard
4. PS/2 Mouse	5. Mouse	6. Walkman
7. Multimedia Headset	8. USB 2.0 External HDD	9. USB 2.0 External HDD
10. USB 2.0 External HDD	11. USB 2.0 External HDD	12. Notebook PC



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5 FACILITIES AND ACCREDITATIONS

5.1. FACILITIES

All measurement facilities used to collect the measurement data are located at No. 81-1, Lane 210, Pa-De 2nd Rd., Luchu Hsiang, Taoyuan Shien, Taiwan.

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR 22. All receiving equipment conforms to CISPR 16-1-1, CISPR 16-1-2, CISPR 16-1-3, CISPR 16-1-4, CISPR 16-1-5.

5.2. ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

Taiwan	TAF
USA	A2LA

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

Canada	Industry Canada
Germany	TUV Rheinland
Japan	VCCI
Taiwan	BSMI
USA	FCC

Copies of granted accreditation certificates are available for downloading from our web site, http:///www.ccsemc.com

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5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Frequency	Uncertainty
Conducted emissions	9kHz~30MHz	±1.7983
Radiated emissions	30~200MHz	±3.8856
	200~1000MHz	±3.8721

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Consistent with industry standard (e.g. CISPR 22: 2006, clause 11, Measurement Uncertainty) determining compliance with the limits shall be base on the results of the compliance measurement. Consequently the measure emissions being less than the maximum allowed emission result in this be a compliant test or passing test.

The acceptable measurement uncertainty value without requiring revision of the compliance statement is base on conducted and radiated emissions being less than U_{CISPR} which is 3.6dB and 5.2dB respectively. CCS values (called U_{Lab} in CISPR 16-4-2) is less than U_{CISPR} as shown in the table above. Therefore, MU need not be considered for compliance.

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6 CONDUCTED EMISSION MEASUREMENT

6.1. LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

NOTE:

(1) The lower limit shall apply at the transition frequencies.
(2) The limit decreases in line with the logarithm of the frequency in the range 0.15 to 0.50 MHz.
(3) All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

6.2. TEST INSTRUMENTS

Conducted Emission Room # 4				
Name of Equipment	**Manufacturer**	**Model**	**Serial Number**	**Calibration Due**
EMI Test Receiver	R&S	ESCI	100782	06/01/2009
LISN	R&S	ENV216	100066	05/11/2009
LISN	R&S	ENV 4200	830326/016	04/10/2009
Test S/W	LabVIEW 6.1 (CCS Conduction Test SW Version_01)			

NOTE: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. N.C.R = No Calibration Request.

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6.3. TEST PROCEDURES (please refer to measurement standard or CCS SOP PA-031)

Procedure of Preliminary Test

- The EUT and support equipment, if needed, were set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor standing equipment, it is placed on the ground plane, which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.
- The test equipment EUT installed by AC main power, through a Line Impedance Stabilization Network (LISN), which was supplied power source and was grounded to the ground plane.
- All support equipment power by from a second LISN.
- The test program of the EUT was started. Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.
- The Receiver scanned from 150kHz to 30MHz for emissions in each of the test modes.
- During the above scans, the emissions were maximized by cable manipulation.
- The test mode(s) described in Item 3.1 were scanned during the preliminary test.
- After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level.
- The worst configuration of EUT and cable of the above highest emission level were recorded for reference of the final test.

Procedure of Final Test

- EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.
- A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.
- The test data of the worst-case condition(s) was recorded.

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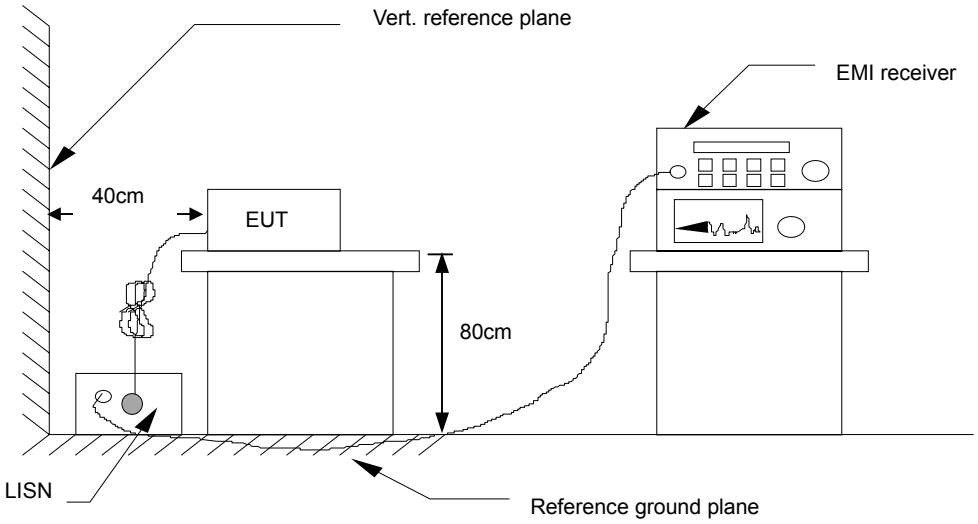
6.4. TEST SETUP



- For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

6.5. DATA SAMPLE:

Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correctrion factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak. limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
x.xx	43.95	33.00	10.00	53.95	43.00	56.00	46.00	-2.05	-3.00	Pass

Frequency (MHz) = Emission frequency in MHz
Reading (dBuV) = Uncorrected Analyzer/Receiver reading + Insertion loss of LISN, if it > 0.5 dB
Correction Factor (dB) = LISN Factor + Cable Loss
Result (dBuV) = Raw reading converted to dBuV and CF added
Limit (dBuV) = Limit stated in standard
Margin (dB) = Result (dBuV) – Limit (dBuV)

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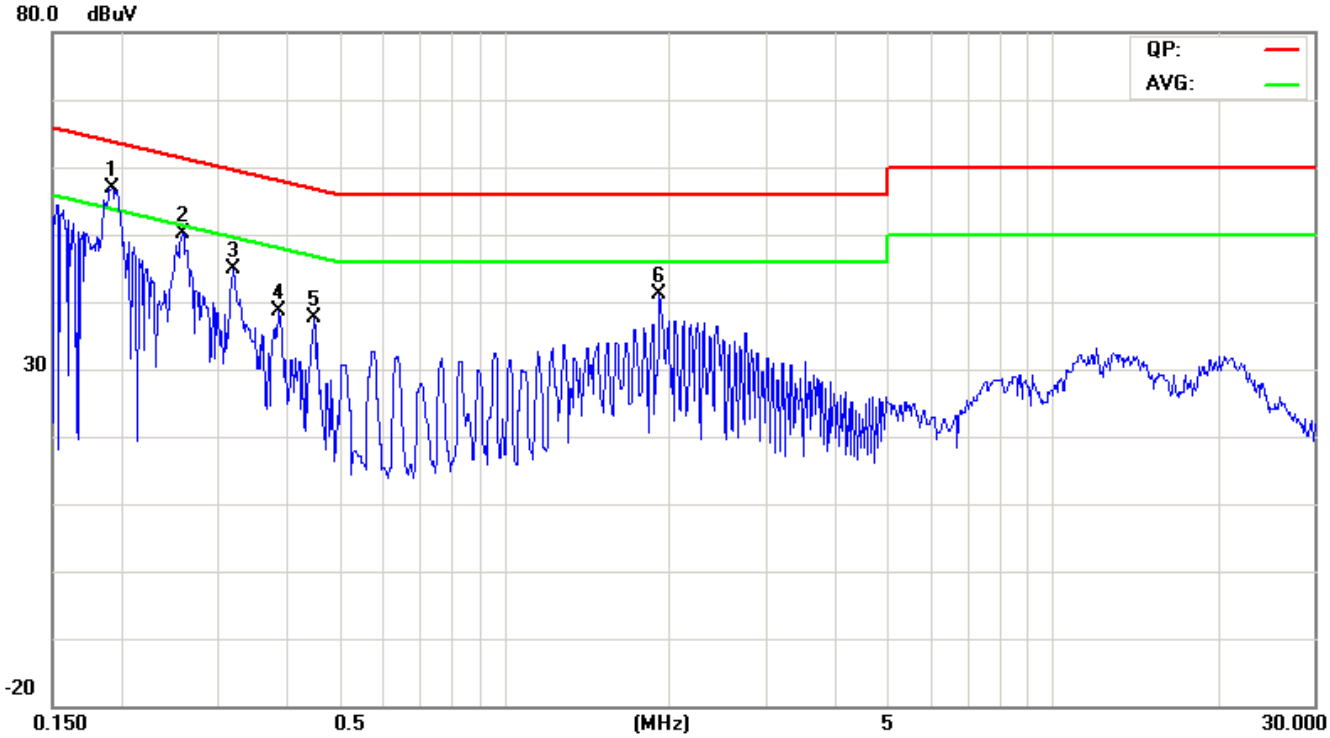
6.6. TEST RESULTS

CCS Conduction Test 4

Model No.	V270SB7-XXX	**6dB Bandwidth**	9 kHz
Environmental Conditions	20°C, 58% RH	**Test Mode**	Mode 1
Tested By	Harry Wang	**Line**	L1



NO.	Frequency	QuasiPeak reading	Average reading	Correction factor	QuasiPeak result	Average result	QuasiPeak limit	Average limit	QuasiPeak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	(Pass/Fail)
1*	0.1924	46.04	37.10	9.61	55.65	46.71	63.93	53.93	-8.28	-7.22	Pass
2	0.2567	38.41	30.95	9.60	48.01	40.55	61.54	51.54	-13.53	-10.99	Pass
3	0.3190	31.89	24.56	9.60	41.49	34.16	59.73	49.73	-18.24	-15.57	Pass
4	0.3848	26.94	20.39	9.60	36.54	29.99	58.18	48.18	-21.64	-18.19	Pass
5	0.4487	24.77	21.19	9.56	34.33	30.75	56.90	46.90	-22.57	-16.15	Pass
6	1.9230	25.83	24.48	9.69	35.52	34.17	56.00	46.00	-20.48	-11.83	Pass

REMARKS: L1 = Line One (Live Line)

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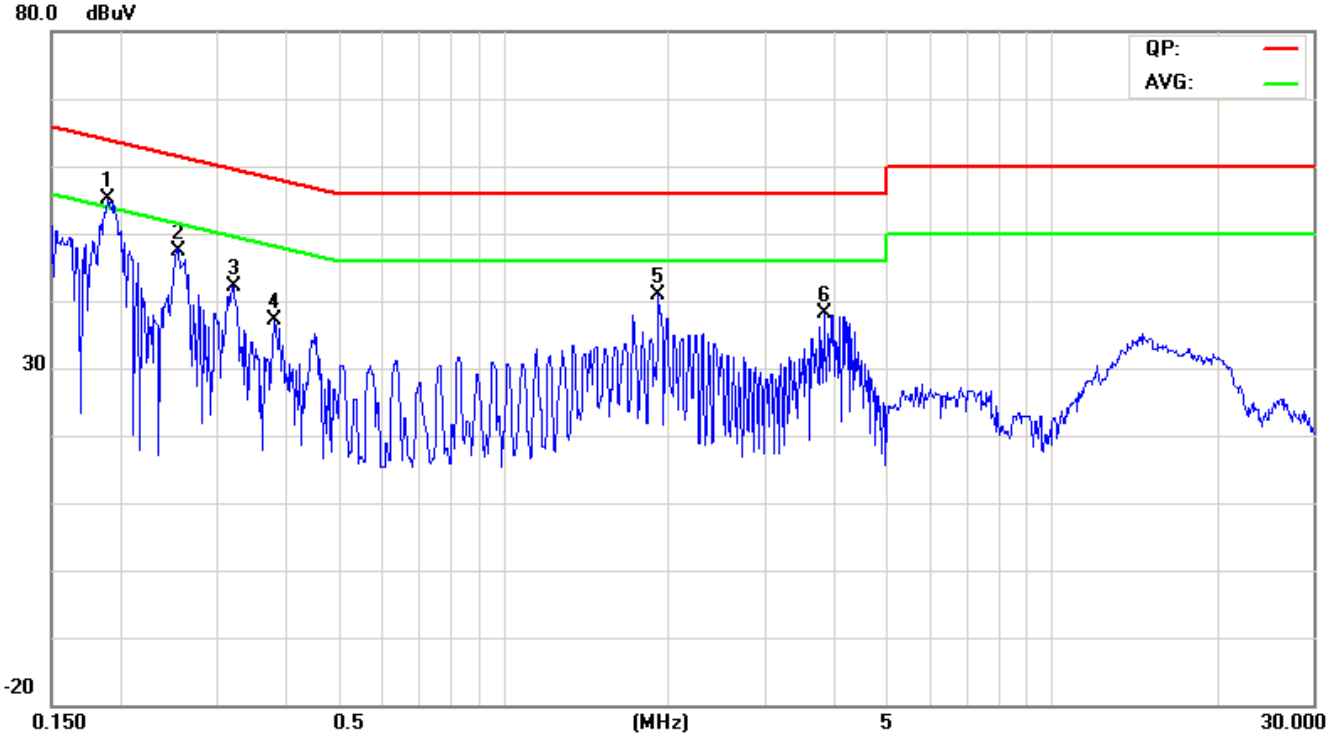
CCS Conduction Test 4

Model No.	V270SB7-XXX	**6dB Bandwidth**	9 kHz
Environmental Conditions	20°C, 58% RH	**Test Mode**	Mode 1
Tested By	Harry Wang	**Line**	L2



NO.	Frequency	QuasiPeak reading	Average reading	Correction factor	QuasiPeak result	Average result	QuasiPeak limit	Average limit	QuasiPeak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	(Pass/Fail)
1*	0.1922	43.95	34.88	9.61	53.56	44.49	63.94	53.94	-10.38	-9.45	Pass
2	0.2577	36.05	27.80	9.60	45.65	37.40	61.51	51.51	-15.86	-14.11	Pass
3	0.3204	31.10	22.97	9.60	40.70	32.57	59.70	49.70	-19.00	-17.13	Pass
4	0.3854	24.36	16.84	9.60	33.96	26.44	58.16	48.16	-24.20	-21.72	Pass
5	1.9181	24.00	22.68	9.69	33.69	32.37	56.00	46.00	-22.31	-13.63	Pass
6	3.8348	23.67	21.01	9.70	33.37	30.71	56.00	46.00	-22.63	-15.29	Pass

REMARKS: L2 = Line Two (Neutral Line)

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7 RADIATED EMISSION MEASUREMENT

7.1. LIMITS OF RADIATED EMISSION MEASUREMENT

FREQUENCY (MHz)	dBuV/m (At 10m)	
	Class A	Class B
30 ~ 230	40	30
230 ~ 1000	47	37

Frequency (MHZ)	Class A (dBuV/m) (At 10m)		Class B (dBuV/m) (At 3m)	
	Average	Peak	Average	Peak
Above 960	59.5	79.5	54	74

NOTE: (1) The lower limit shall apply at the transition frequencies.
(2) Emission level (dBuV/m) = 20 log Emission level (uV/m).

7.2. TEST INSTRUMENTS

Open Area Test Site # 2				
Name of Equipment	**Manufacturer**	**Model**	**Serial Number**	**Calibration Due**
Spectrum Analyzer	ADVANTEST	R3261A	N/A	N.C.R
EMI Test Receiver	R&S	ESCS30	847793/012	03/09/2009
Pre-Amplifier	HP	8447D	2944A08780	07/25/2009
Bilog Antenna	CHASE	CBL 6112A	2307	06/06/2009
Turn Table	EMCO	2081-1.21	9709-1885	N.C.R
Antenna Tower	EMCO	2075-2	9707-2060	N.C.R
Controller	EMCO	2090	9709-1256	N.C.R
RF Switch	ANRITSU	MP59B	M76890	N.C.R
Site NSA	CCS	N/A	N/A	04/11/2009
Test S/W	LabVIEW 6.1 (CCS OATS EMI SW V2.6)			

NOTE: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. N.C.R = No Calibration Request.

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3 Meter Chamber				
Name of Equipment	**Manufacturer**	**Model**	**Serial Number**	**Calibration Due**
Spectrum Analyzer	ADVANTEST	R3271A	85060321	10/23/2007
Pre-Amplifier	HP	8449B	3008A00965	11/16/2007
Horn Antenna	EMCO	3115	9602-4659	04/13/2009
Turn Table	HD	HD320	N/A	N.C.R
Antenna Tower	HD	MA 240	N/A	N.C.R
Controller	HD	HD 100	N/A	N.C.R
Test S/W	LabVIEW 5.1 (966_Chamber_EMI TEST)			

NOTE: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

2. N.C.R = No Calibration Request.

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7.3. TEST PROCEDURES (please refer to measurement standard or CCS SOP PA-031)

Procedure of Preliminary Test

- The equipment was set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden turntable with a height of 0.8 meters is used which is placed on the ground plane. When the EUT is a floor standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- Support equipment, if needed, was placed as per ANSI C63.4.
- All I/O cables were positioned to simulate typical usage as per ANSI C63.4.
- The EUT received AC power source from the outlet socket under the turntable. All support equipment power received from another socket under the turntable.
- The antenna was placed at 3 or 10 meter away from the EUT as stated in ANSI C63.4. The antenna connected to the Spectrum Analyzer via a cable and at times a pre-amplifier would be used.
- The Analyzer / Receiver quickly scanned from 30MHz to 40GHz. The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- The test mode(s) described in Item 3.1 were scanned during the preliminary test:
- After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level.
- The worst configuration of EUT and cable of the above highest emission level were recorded for reference of the final test.

Procedure of Final Test

- EUT and support equipment were set up on the turntable as per the configuration with highest emission level in the preliminary test.
- The Analyzer / Receiver scanned from 30MHz to 40GHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 or 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- Recording at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit and only Q.P. reading is presented.
- The test data of the worst-case condition(s) was recorded.

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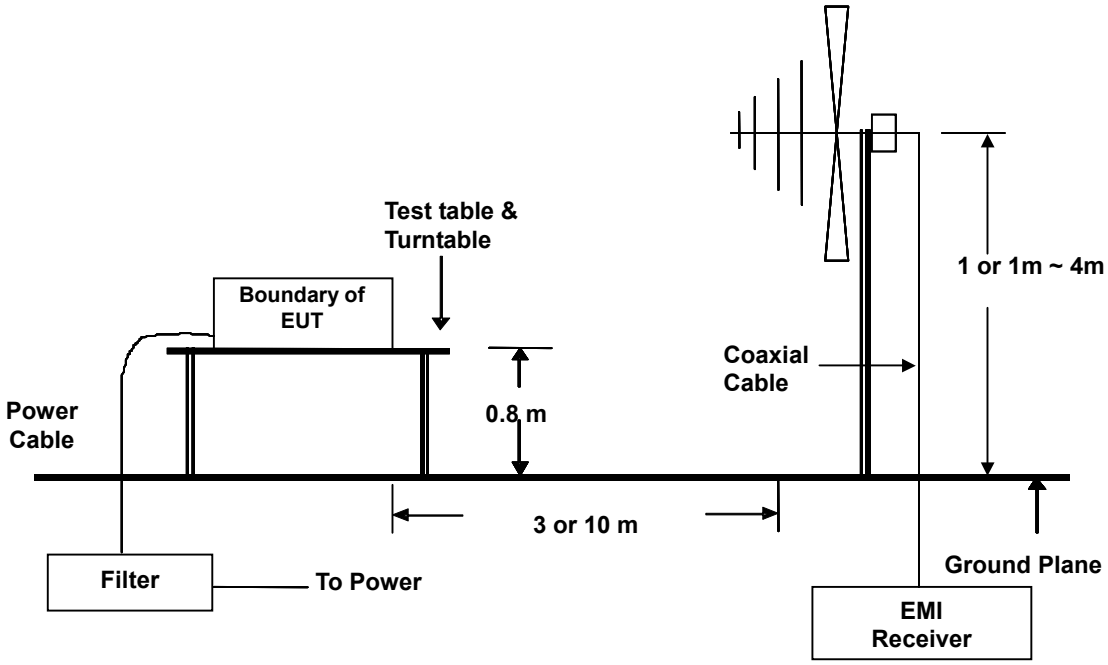
7.4. TEST SETUP



- For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

7.5. DATA SAMPLE:

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (◦)	Height (cm)	Remark
xx.xx	16.49	9.86	26.35	30.00	-3.65	116.00	101.00	QP

Frequency (MHz) = Emission frequency in MHz
Reading (dBuV) = Uncorrected Analyzer / Receiver reading
Correction Factor (dB/m) = Antenna factor + Cable loss – Amplifier gain
Result (dBuV/m) = Reading (dBuV) + Corr. Factor (dB/m)
Limit (dBuV/m) = Limit stated in standard
Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)
Q.P. = Quasi-Peak

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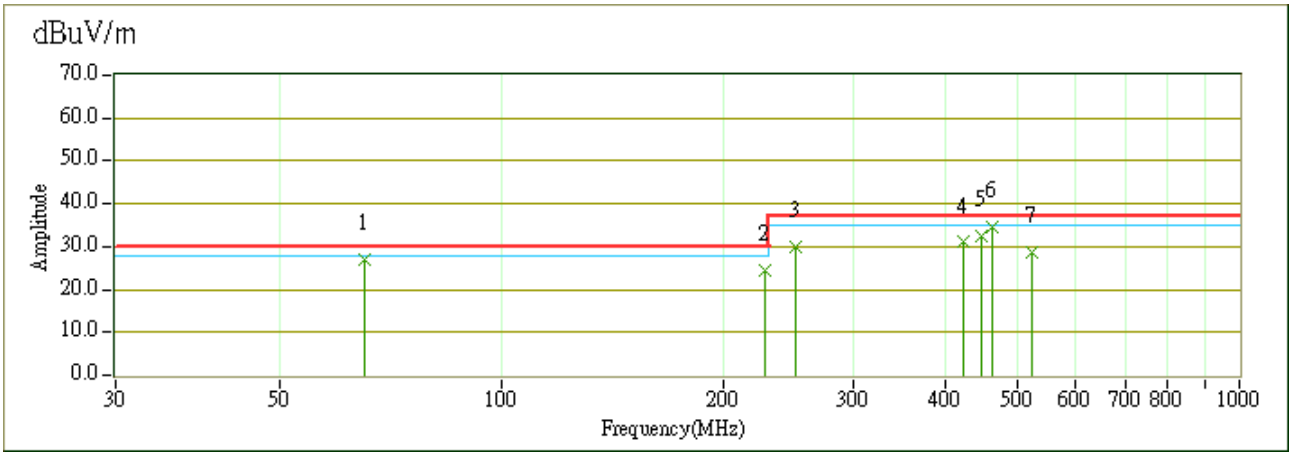
7.6. TEST RESULTS

Model No.	V270SB7-XXX	**Test Mode**	Mode 1
Environmental Conditions	27°C, 52% RH	**6dB Bandwidth**	120 kHz
Antenna Pole	Vertical	**Antenna Distance**	10m
Detector Function:	Quasi-peak.	**Tested By**	Eason Chen



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	65.38	19.27	7.53	26.80	30.00	-3.20	0.00	100.70	QP
2	227.64	11.07	13.33	24.40	30.00	-5.60	360.00	100.00	QP
3	250.16	13.41	16.59	30.00	37.00	-7.00	360.00	303.70	QP
4	422.93	9.08	21.92	31.00	37.00	-6.00	0.00	170.70	QP
5	447.00	10.43	22.04	32.47	37.00	-4.53	360.00	191.70	QP
6	462.97	12.20	22.43	34.63	37.00	-2.37	227.40	244.60	QP
7	522.00	4.64	24.18	28.82	37.00	-8.18	360.00	191.70	QP

REMARKS: The other emission levels were very low against the limit.

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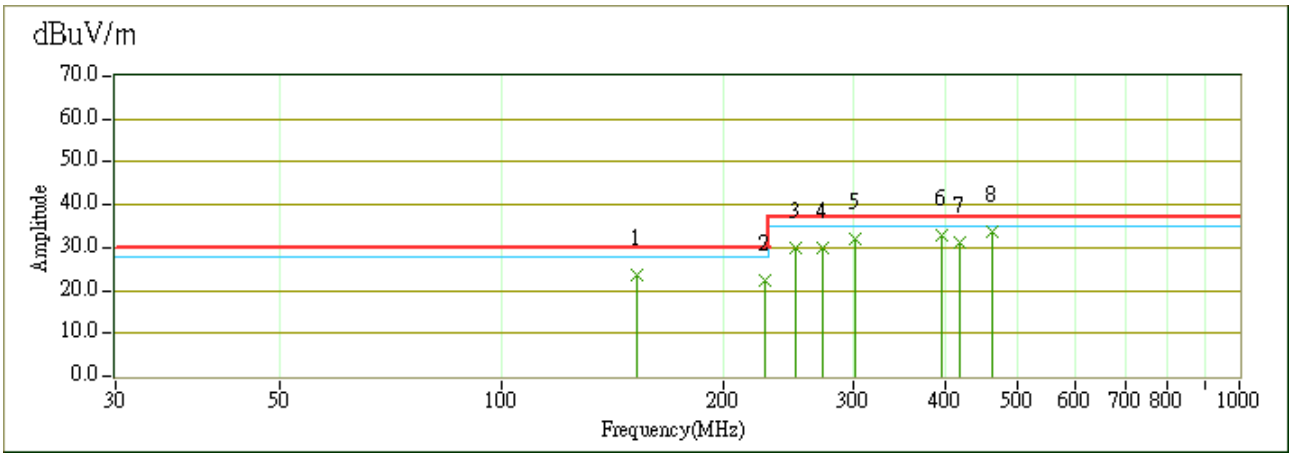
Model No.	V270SB7-XXX	**Test Mode**	Mode 1
Environmental Conditions	27°C, 52% RH	**6dB Bandwidth**	120 kHz
Antenna Pole	Horizontal	**Antenna Distance**	10m
Detector Function:	Quasi-peak.	**Tested By**	Eason Chen



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	152.40	10.17	13.43	23.60	30.00	-6.40	0.00	400.00	QP
2	227.90	9.11	13.36	22.47	30.00	-7.53	360.00	400.00	QP
3	250.40	13.30	16.60	29.90	37.00	-7.10	0.00	400.00	QP
4	272.00	12.75	17.05	29.80	37.00	-7.20	0.00	400.00	QP
5	301.85	14.00	17.85	31.85	37.00	-5.15	49.00	381.80	QP
6	396.00	11.38	21.67	33.05	37.00	-3.95	275.00	400.00	QP
7	417.00	9.23	21.89	31.12	37.00	-5.88	0.00	100.00	QP
8	462.97	11.50	22.43	33.93	37.00	-3.07	0.00	212.30	QP

REMARKS: The other emission levels were very low against the limit.

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Model No.	V270SB7-XXX	**Test Mode**	Mode 1
Environmental Conditions	26°C, 60% RH	**Test Frequency Range**	1000MHz ~ 3000MHz
Antenna Pole	Vertical	**Antenna Distance**	3m
Detector Function:	Peak/Average	**Tested By**	Ming Wu

Frequency	Corr.	Reading Level		Emission Level		Limit	
	Factor	Average	Peak	Average	Peak	Average	Peak
MHz	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)
1271.428	-6.82	--	49.75	--	42.93	54.00	74.00
1377.143	-6.08	--	53.98	--	47.90	54.00	74.00
1482.857	-5.35	--	54.24	--	48.89	54.00	74.00
1648.571	-4.13	--	51.25	--	47.12	54.00	74.00
1745.714	-3.40	--	47.25	--	43.85	54.00	74.00
1802.857	-2.97	--	48.00	--	45.03	54.00	74.00

REMARKS: 1. The other emission levels were very low against the limit.

2. "--", means the average measurement was not performed when the measured peak data under the limit of average detection.

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Model No.	V270SB7-XXX	**Test Mode**	Mode 1
Environmental Conditions	26°C, 60% RH	**Test Frequency Range**	1000MHz ~ 3000MHz
Antenna Pole	Horizontal	**Antenna Distance**	3m
Detector Function:	Peak/Average	**Tested By**	Ming Wu

Frequency	Corr.	Reading Level		Emission Level		Limit	
	Factor	Average	Peak	Average	Peak	Average	Peak
MHz	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)
1271.428	-6.82	--	53.25	--	46.43	54.00	74.00
1377.143	-6.08	--	57.73	--	51.65	54.00	74.00
1431.428	-5.71	--	50.74	--	45.03	54.00	74.00
1482.857	-5.35	--	52.99	--	47.64	54.00	74.00
1640.000	-4.19	--	49.00	--	44.81	54.00	74.00
1802.857	-2.97	--	45.50	--	42.53	54.00	74.00

REMARKS: 1. The other emission levels were very low against the limit.

2. "--", means the average measurement was not performed when the measured peak data under the limit of average detection.

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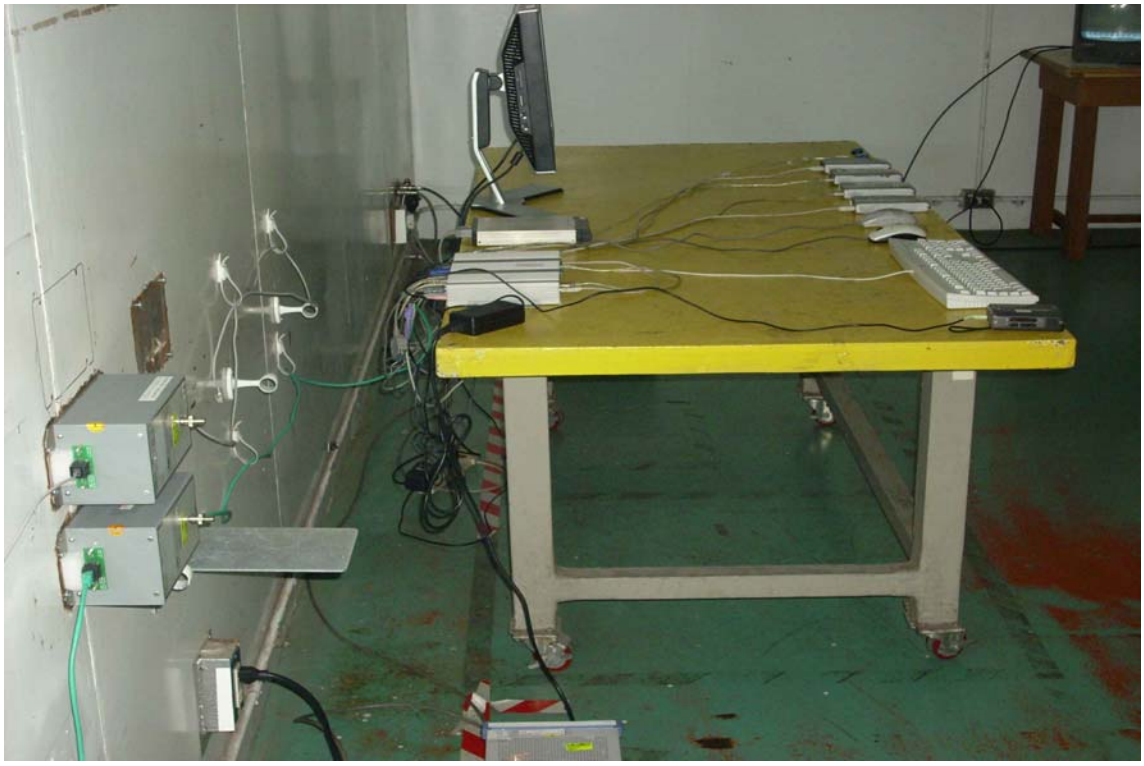
8 PHOTOGRAPHS OF THE TEST CONFIGURATION

CONDUCTED EMISSION TEST



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RADIATED EMISSION TEST

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